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1951-

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY 1951

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JANUARY 1951

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	64.2	59.5	59.5	61.1	18.7	15.8	16.3	17.8	17.2	17.1
2	57.8	56.7	58.1	57.5	20.6	15.0	17.9	19.7	17.8	18.5
3	61.3	61.2	62.6	61.7	17.1	13.1	16.1	16.7	14.4	15.7
4	63.6	62.1	61.9	62.5	17.1	12.9	13.9	16.7	15.8	15.5
5	59.1	55.7	55.9	57.2	18.2	12.9	14.3	18.2	16.2	16.2
6	55.5	53.3	52.2	53.7	16.4	11.4	13.9	15.1	14.5	14.5
7	54.5	55.4	57.0	55.6	14.7	10 5	13.6	13.3	11.9	12.9
8	61.7	62.0	64.1	62.6	15.3	12.1	12.2	14.4	12.6	13.1
9	66.3	66.3	67.5	66.7	16.6	12.8	13.5	16.4	14.1	14.7
10	69.3	68.3	68.8	68.8	17.8	13.3	13.9	16.8	14.0	14.9
11	67.0	64.8	64.7	65.5	18.0	12.5	14.4	17.3	13.9	15.2
12	64.7	64.1	64.8	64.5	16.9	12.3	13.9	16.7	13.9	14.8
13	64.6	63.0	62.2	63.3	18.3	13.1	13.3	17.2	16.1	15.5
14	61.2	60.0	60.2	60.5	21.0	12.7	18.3	21.0	17.9	19.1
15	61.0	60.1	61.4	60.8	17.8	10.0	14.3	16.7	11.8	14.3
16	61.0	60.2	62.4	61.2	15.0	11.4	13.3	12.8	12.6	12.9
17	65.7	64.9	65.0	65.2	16.9	13.2	14.1	16.3	13.8	14.7
18	62.6	61.7	62.0	62.1	18.7	12.2	16.4	18.3	15.3	16.7
19	61.2	60.8	62.8	61.6	16.8	11.9	14.6	15.7	14.6	15.0
20	62.4	59.8	59.2	60.5	17.3	12.2	15.1	17.1	15.4	15.9
21	60.8	61.2	62.3	61.4	16.9	11.8	15.1	15.4	13.4	14.6
22	58.9	55.9	54.9	56.6	16.5	10.2	14.9	15.6	12.8	14.4
23	62.7	64.3	67.3	63.8	11.8	7.8	10.4	10.9	9.3	10.2
24	68.9	67.9	68.1	68.3	14.0	9.6	9.9	13.9	11.8	11.9
25	68.3	67.8	68.4	68.2	15.5	10.9	13.3	15.3	13.2	13.9
26	67.9	66.2	65.7	66.6	15.5	11.1	13.1	15.4	12.7	13.7
27	63.1	61.5	61.6	62.1	15.9	10.6	12.8	15.6	12.8	13.7
28	62.0	60.3	60.3	60.9	15.6	12.1	12.8	15.1	12.8	13.9
29	61.7	61.2	63.5	62.1	17.3	12.3	14.5	17.0	14.1	15.2
30	63.5	61.8	61.7	62.3	17.5	13.1	14.4	16.7	14.9	15.3
31	61.1	59.2	58.5	59.6	19.7	15.4	I5 7	18.3	15.9	16.6
	62.93	61.52	62.09	62.09	16.95	12.14	14.20	16.27	14.11	14.86

Barometer, range for month 769.3 mm. — 752.2 mm.

,, 71-yr. average for month 763.184 mm.

Thermometer, range for month 21.0°C – 7.8°C

,, 71-yr. average for month 13.72°C.

Rain total for month 153.69 mm.

,, 71-yrs. average for month 190.28 mm.

,, Tolal, Sept. 1st. to end of month 493.52 mm.

,, 71-yr. average, Sept. 1st. to end of month 564.55 mm

JANUARY 1951
METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	12.6	14.8	12.2	13.2	70	73	62	68	5.2	312.0	
2	10.4	14.3	13.8	12.8	51	62	68	60	3.8	319.0	
3	14.5	13.4	12.6	13.5	77	71	76	75	4.1	290.0	5.34
4	11.2	12.6	13.2	12.3	70	66	73	70	9.0	322.0	
5	10.9	11.3	10.2	10.8	65	54	56	58	9.2	206.0	
6	11.5	11.8	15.2	12.8	71	70	92	78	3.2	613.0	26.42
7	11.0	10.7	10.3	10.7	72	70	74	72	3.4	467.0	8.38
8	9.5	10.8	11.1	10.5	67	66	78	70	5.2	357.0	
9	11.0	12.1	10.2	11.1	71	65	64	67	4.0	280.0	0.51
10	10.5	11.6	11.3	11.1	66	61	71	66	8.2	163.0	
11	8.7	10.0	9.4	9.4	53	52	59	55	5.1	195.0	
12	8.5	11.5	10.5	10.2	54	61	67	61	8.7	220.0	
13	9.3	11.2	11.1	10.5	61	57	60	59	9.2	238.0	
14	9.5	12.7	15.2	12.5	45	50	75	57	7.3	256.0	
15	11.8	11.5	11.7	11.7	72	59	85	72	4.0	473.0	14.74
16	11.1	14.3	12.2	12.5	73	96	83	84	0.8	547.0	27.94
17	9.7	10.6	11.8	10.7	62	47	75	61	9.7	333.0	1.78
18	7.4	12.4	12.7	10.8	42	59	73	58	9.8	217.0	
19	10.4	13.6	13.4	12.5	63	77	82	74	1.2	978.0	13.97
20	11.9	11.0	10.0	11.0	70	56	58	61	2.3	695.0	2.54
21	10.0	11.5	11.3	10.9	59	64	74	66	3.4	647.0	9.40
22	12.9	12.4	13.6	13.0	76	70	92	79	0.8	756.0	42.16
23	5.7	4.5	6.1	5.4	44	34	52	43	8.8	526.0	0.51
24	6.3	9.3	8.3	8.0	52	59	59	57	9.0	385.0	
25	9.2	9.9	8.7	9.3	60	57	58	58	9.4	336.0	
26	7.0	9.6	10.0	8.9	52	57	67	59	9.2	315.0	
27	8.9	9.9	10.3	9.7	61	56	69	62	9.5	398.0	
28	7.4	10.5	8.9	8.9	50	57	60	56	8.9	412.0	
29	6.5	12.6	10.1	9.4	40	66	63	56	9.6	286.0	
30	7.0	11.2	9.1	9.1	42	58	54	51	9.7	209 0	
31	8.7	14.1	10.0	10.9	53	67	55	58	9.0	243.0	
	9.71	11.54	11.11	10.78	60.1	61.8	68.8	63.6	6.47	386.90	4.96

Height of Barometer above sea level: 33.7 meters.
„ „ **Thermometers above ground:**
Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0 56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T.
71year averages are for period, 1875-1945

JANUARY 1951

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10ci-st	8ci-st	4ci-st	7.3	1sw	1sw	1sw	slight	
2	7ci-cu	8st-ci	3ci-st	6.0	2sw	1n	3sw	light	
3	7cu	5cu	6cu	6.0	2sw	1w	2sw	,,	
4	1cu	0	0	0.3	2se	2ne	2n	,,	
5	0	3ci	4ci-st	2.3	1e	1s	0	light	
6	9cu-ni	9cu-ni	10ni	9.3	3sw	3sw	4sw	mod.	G. at night.
7	9cu-ni	8cu	1cu	6.0	3sw	2ne	2ne	slight	
8	4cu-st	7cu	6cu	6.0	2se	2nw	1ne	,,	
9	9cu-st	8cu	4cu	7.0	1se	2w	2nw	light	
10	3st	1st	0	1.3	0	2w	2e	calm	
11	8ci-st	5cu-ci	3ci	5.3	1e	1nw	1n	light	
12	2ci-cu	0	0	0.7	2se	1nw	1ne	,,	
13	2ci	3ci	10ci	5.0	1se	2n	2ne	calm	
14	1cu	1ci-cu	4ci-cu	3.3	1se	2sw	3sw	light	
15	8st	5st	10cu-ni	7.7	1sw	5sw	3sw	mod.	
16	10-ni	10-ni	9ci	9.7	3sw	5sw	3sw	rough	W.
17	1ci	0	0	0.3	2se	2w	3ne	slight	
18	0	1ci	5cu-ci	2.0	1se	1ne	1ne	light	
19	1cu	10cu-ni	7cu	6.0	2se	7sw	1ne	rough	G. at noon; W.p.m.
20	3cu-st	4cu	9cu-ni	5.3	5sw	5sw	4sw	rough	G. at night
21	5cu	8cu-ni	8cu	7.0	5sw	5sw	3sw	rough	
22	10ni	10cu-ni	9ni	9.7	4sw	6sw	7sw	,,	G. p.m.
23	6cu	2cu	7cu	5.0	6nw	3ne	2nw	mod.	
24	10cu-st	1cu-st	8cu	6.3	2se	1sw	2se	light	
25	5cu	0	0	1.7	2se	2ne	1ne	light	
26	1cu-st	0	0	0.3	1se	2ne	2se	,,	
27	0	2ci	0	0.7	1e	3ne	1ne	,,	
28	0	5ci	3ci	2.7	2se	3sw	2se	,,	
29	0	0	0	0.0	1se	1sw	1se	,,	
30	0	0	0	0.0	1s	1ne	1ne	,,	
31	3ci	2ci	1ci	2.0	1se	2ne	1se	,,	D. a.m.
				4.27					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	3	15	1	10	0	1	1	31
14:30	2	9	0	0	1	12	4	3	0	31
20:30	2	10	1	5	0	10	0	2	1	31
Total	4	19	4	20	2	32	4	6	2	93

Number of days with rain 12, fog 0, thunderstorms 0, gale 4.

yr. av. number of days with rain during month 15.67

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